The **Pioneer** TV-CATV remote control unit controls the CATV converter as well as the "ON/OFF", "MUTE" and "VOLUME" functions of televisions that presently have remote control.

NOTE: The remote is pre-programmed to operate the Pioneer converter and control the volume using the converter.

A. CATV CODE PROGRAM PROCEDURE

- A1. To Program Remote for use with a TV equipped with remote control:
 - 1.1 Enter "SET Mode" (See note 1)

Note 1:

To enter the "SET Mode", perform the following procedure:

Depress & Keys simultaneously until indicator lamp flashes (approximately 3 seconds). If the indicator lamp lights immediately after pressing the Keys, release the keys and try again to depress the keys simultaneously.

If the indicator lamp stops flashing after releasing the keys, depress the above keys again until lamp flashes.

- 1.2 Press (CATV) Key momentarily Lamp should stop flashing and stay on.
- 1.3 Press keys "0", "0", "2", "5" (Indicator lamp should flash with each key pressing and blink twice and turn off after last key press. If indicator lamp just turns off, the code has not been entered correctly and the procedure should be repeated beginning at Step A1, 1,1.)
- 1.4 Program TV Code as defined in the "TV Code Program Procedure"
- A2. To Program CATV code for use with a TV NOT equipped with remote control:
- 2.1 Enter "SET Mode" (See Note 1)
- 2.2 Press Key momentarily
- 2.3 Press keys "1", "0", "2", "5" (Indicator lamp should blink twice and turn off. If indicator lamp just turns off, the code has not been entered correctly and the procedure should be repeated beginning at Step A2. 2.1.)
- 2.4 The remote is now ready to control your CATV converter box.

B. TV CODE PROGRAM PROCEDURE

- 1.1 ENTER "SET Mode" (See NOTE 1)
- 1.2 Press the Key momentarily
- 1.3 Look up appropriate TV and enter the first code (for instance, for an NEC TV, depress keys "0", "2", "3")

1.4 Aim the remote at the TV and depress the TV Key. If the TV turns on (or off) the code is correct and the remote is ready for use.

The remote is now ready for use.

If the TV does not respond, repeat the procedure beginning with Step B. 1.1 and enter the next code for that model TV until the TV turns on (or off).

If the TV does not respond after all codes are tried, use the procedure "SCAN TV PROCEDURE".

SCAN TV PROCEDURE

- 1.1 Enter "SET Mode" (See Note 1)
- 1.2 Press W Key
- 1.3 Press SLOWLY and repeat pressing until TV turns on (or off). It may require more than 100 key depressions to find the proper code.
- 1.4 Press Key

BATTERIES

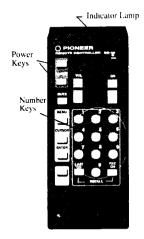
Use two (2) AAA batteries

NOTE: If new batteries are replaced within 2 minutes after the old are removed, the program should be retained and reprogramming will not be required.

BR 95 A/B



BR 95 C



TV Codes (TABLE 1)

A-MARK.....120 ANAM041, 120, 121 AOC.....019, 005, 020 ARCHER120 CANDLE022, 023, 025 CAPEHART019 CITIZEN......016, 022, 023, 024, 025, 026 CONCERTO023, 027, 028 CONTEC027, 028, 041, 091 CRAIG......021, 041 CURTIS MATHES......006, 026, 016 DAEWOO......024, 026, 029, 030, 031, 032 DAYTRON026 ELECTROHOME......026 EMERSON023, 026, 027, 028, 033, 035, 036, 037, 038, 039, 040, 041, 034, 122 FISHER042, 090 FUJITSU......034 FUNAI......034, 041 GE......003, 008, 009, 015, 023, 043, 044, 040 GOLDSTAR023, 026, 045, 046, 088 GRUNDIG......047 HALLMARK......023 HITACHI023, 026, 048, 049, 050, 051, 052, 053, 054, 055 INFINITI066 JBL066 JENSEN......056 JVC......057, 058, 059, 060 KLOSS......020, 110, 062 KTV......026, 039, 041, 040

LOGIK......018

LUXMAN......023

LXI003, 063, 066, 090, 095, 063, 125

TV Codes

200 000 000 000 000 000
MAGNAVOX020, 025, 064, 065, 066, 067,
068, 069, 110
MARANTZ066, 088
MEMOREX018, 032, 090
MGA023
MITSUBISHI023, 070, 071, 072, 112, 123
MTC016, 023, 031
NAD002
NEC023
NOVABEAM062
OPTONICA105, 107
PANASONIC008, 009, 010, 011, 012, 066, 075
PENNEY003, 014, 016, 026, 043, 096
PHILCO025, 064, 065, 067, 110
PHILLIPS066, 088
PIONEER002, 048, 051, 076
PORTLAND026
PROTON019, 023, 026
PROSCAN125
PULSAR001
QUASAR008, 009, 012
RCA003, 014, 015, 048, 078, 079, 080,
081, 082, 083, 084, 085, 086, 087, 125
RADIO SHACK026, 041, 107, 112
REALISTIC090
SAISHO032, 033, 109
SAMPO019
SAMSUNG016, 023, 026, 032, 088, 112
SANYO017, 042, 089, 090, 091, 092, 109, 125
SCOTT026, 034, 037, 041, 093
SEARS003, 023, 034, 042, 090, 094, 095, 096
097, 098, 099, 100, 101, 102, 103, 104
SHARP128, 108, 026, 091, 105, 106, 107
SIGNATURE

TV Codes

SONY	000, 109, 119, 122
SOUNDESIGN	023, 025, 041
SPECTRICON	020, 120
SSS	041
SYLVANIA	025, 064, 065, 066, 110
TMK	023
TANDY	105, 112, 113
TATUNG	009
TECHNICS	
TECHWOOD	023
TEKNIKA016, 018	, 022, 023, 024, 025, 026,
	034, 041, 114, 115
THOMPSON	051, 116
TOSHIBA	016, 017, 047, 090, 096
TOSONIC	028
TOTEVISION	026
UNIVERSAL	043
VICTOR	057
VIDEO CONCEPT	070
VIDTECH	023
WARDS015	5, 018, 023, 034, 043, 064,
	065, 067, 107, 119
ZENITH	001, 018
ZONDA	120

CATV Converter Code (TABLE 2)

For "Mute" and "Volume" via TV: 0025

For "Mute" and "Volume" via CATV Converter: 1025